ABSTRACT

Methods and apparatus are provided for changing the rate of time-discrete signals. When changing the rate or for the interpolation of time-discrete input values (x_n), output

5   values (y_k) of an output signal are produced. If the frequency of the output signal is greater than the frequency of the input signal and the shape of the output signal essentially corresponds to the shape of the input signal, according to the invention the difference between a first and a second input value (x_n, x_{n-1}) subsequent to this is determined, interpolation values (PO... PN) of an interpolation progression (p) are

10   scaled in dependence on the difference determined and output values (y_k) in each case are produced by addition of the first input value (x_n) to a scaled interpolation value (PO...PN).